

Manhole Inspection Summary

Manhole # S13W__004MH

Printed On: 3/13/2009

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **13W** Node: **004** Status: **Found**

Insp Date: **1/9/09 1:30 PM**

Incomplete Comments

Crew: **FW/DH**
Inspector: **dhinton**
Firm: **PER**

Location Address: **Wilso Dr.**

Cross Street: **DeSoto Rd.**

Manhole Type: **Terminal**

Location: **Parking Lot**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **6 o clock is an direct measure, because of the structure of MH**

Cover

Shape: **Circular**

Diameter: **26** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **4** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick and Concrete** ☐ Parged Height: **18** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☐ Roots ☐ Wall

Corbel

Material: **Concrete**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Concrete**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☐ Mortar ☐ Roots ☒ **Wall**

Bench

☐ Exists

Material:

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps

Count: **2** Missing: **0** ☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.) ☐ Active Surcharge Present

Location View



Top View



Top View



Location View



Defect 8



missing mortar causing chimney infiltration

Defect 7



active infiltration at the chimney

Defect 6



frame offset

Defect 5



barrel infiltration at the joint

Defect 4



crack in the corbel and barrel

Defect 3



corroded rung and corbel infiltration

Defect 2



corbel infiltration at joint

Defect 1



barrel infiltration

Defect 9



Channel Debris

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6 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: 6 (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: 7.87 (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

6 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: 3.6 (in.) Direct (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: 6.88 (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection